

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
 Data File : BN029062.D
 Acq On : 06 Dec 2023 19:01
 Operator : MA/JU
 Sample : 05404-33
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20231110

Quant Time: Dec 06 22:53:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

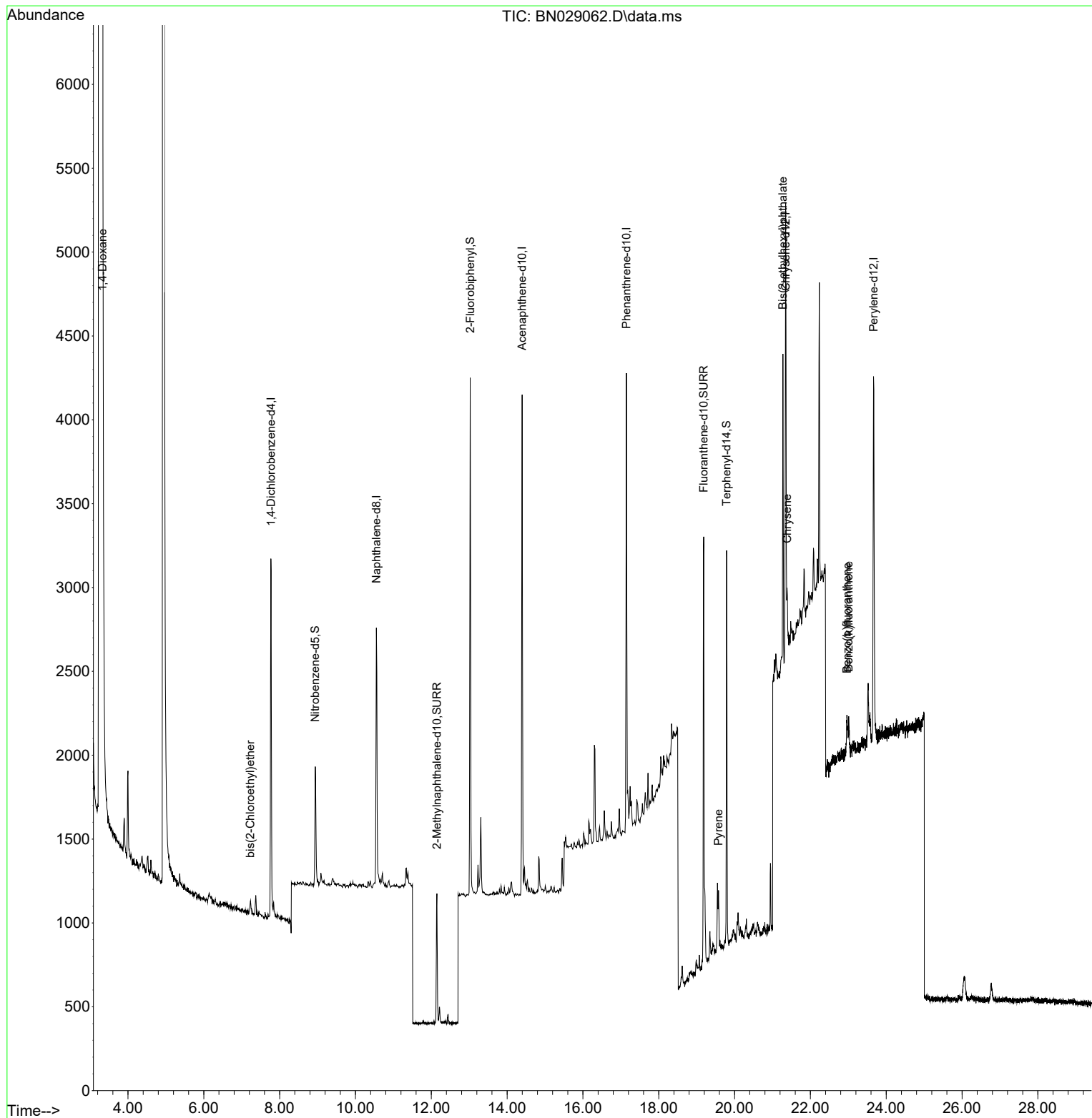
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	1134	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2195	0.400	ng	#-0.01
13) Acenaphthene-d10	14.396	164	1607	0.400	ng	0.00
19) Phenanthrene-d10	17.147	188	3773	0.400	ng	0.00
29) Chrysene-d12	21.347	240	2493	0.400	ng	# 0.00
35) Perylene-d12	23.667	264	3072	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	13	0.005	ng	0.00
5) Phenol-d6	6.995	99	13	0.004	ng	0.01
8) Nitrobenzene-d5	8.939	82	713	0.269	ng	0.00
11) 2-Methylnaphthalene-d10	12.148	152	1106	0.240	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	34	0.019	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2646	0.318	ng	0.00
27) Fluoranthene-d10	19.185	212	3106	0.262	ng	0.00
31) Terphenyl-d14	19.789	244	2214	0.351	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	3090	3.384	ng	97
6) bis(2-Chloroethyl)ether	7.226	93	49	0.023	ng	# 87
30) Pyrene	19.576	202	312	0.020	ng	# 84
33) Chrysene	21.383	228	287	0.023	ng	# 65
34) Bis(2-ethylhexyl)phtha...	21.275	149	1737	0.223	ng	# 93
37) Benzo(b)fluoranthene	22.965	252	391	0.024	ng	# 1
38) Benzo(k)fluoranthene	23.009	252	314	0.020	ng	# 1

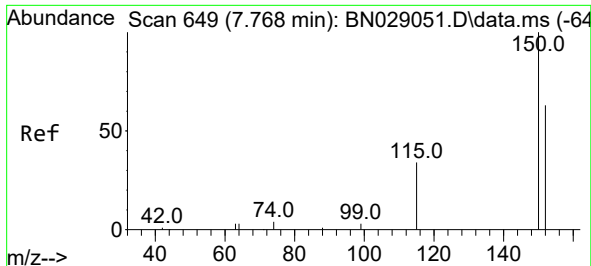
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029062.D
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BNA_N
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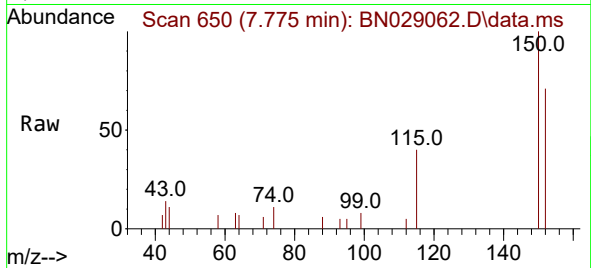
Quant Time: Dec 06 22:53:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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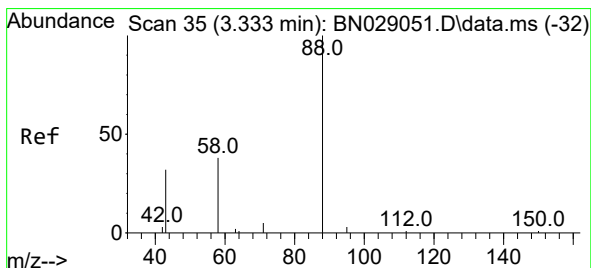
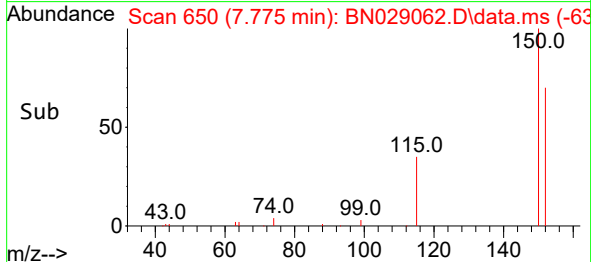
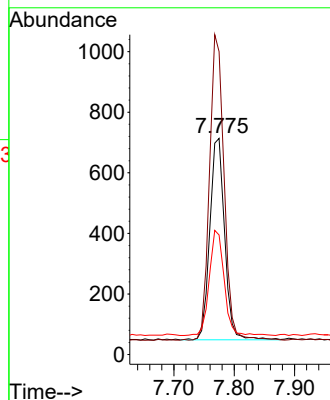


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN029062.D
Acq: 06 Dec 2023 19:01

Instrument :
BNA_N
ClientSampleId :
RE122D2-20231110

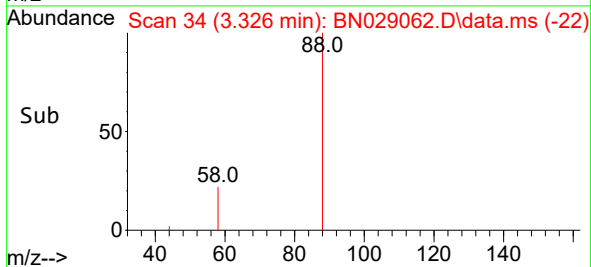
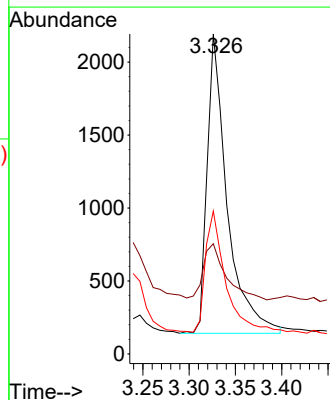
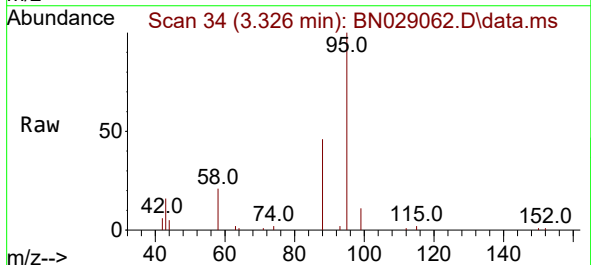


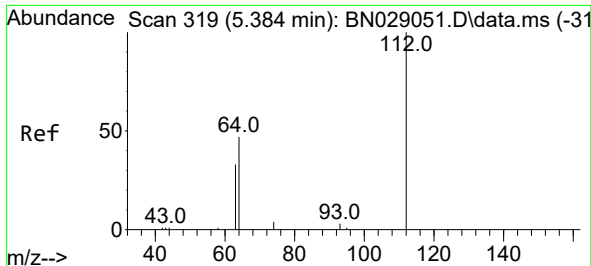
Tgt Ion:152 Resp: 1134
Ion Ratio Lower Upper
152 100
150 140.1 116.2 174.4
115 55.3 45.1 67.7



#2
1,4-Dioxane
Concen: 3.384 ng
RT: 3.326 min Scan# 34
Delta R.T. -0.014 min
Lab File: BN029062.D
Acq: 06 Dec 2023 19:01

Tgt Ion: 88 Resp: 3090
Ion Ratio Lower Upper
88 100
43 21.3 15.6 23.4
58 39.4 33.2 49.8

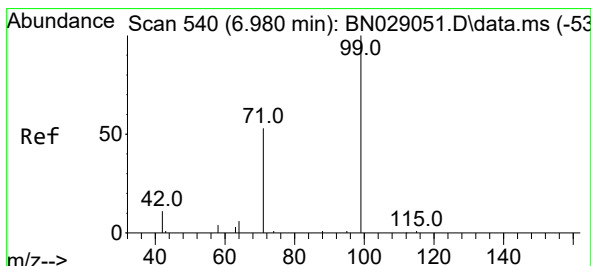
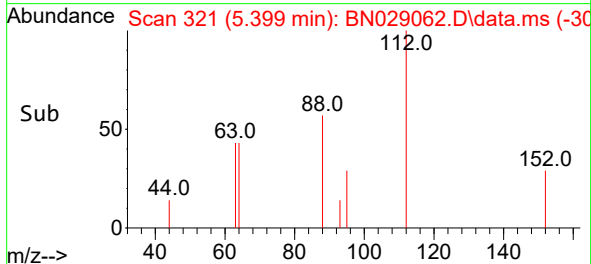
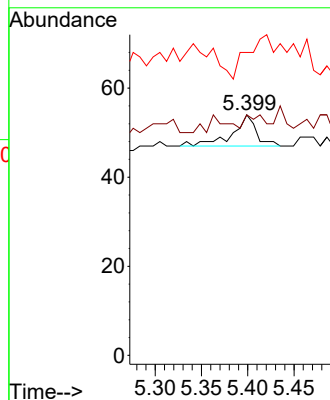
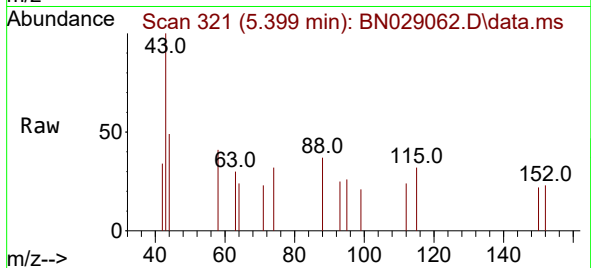




#4
2-Fluorophenol
Concen: 0.005 ng
RT: 5.399 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN029062.D
Acq: 06 Dec 2023 19:01

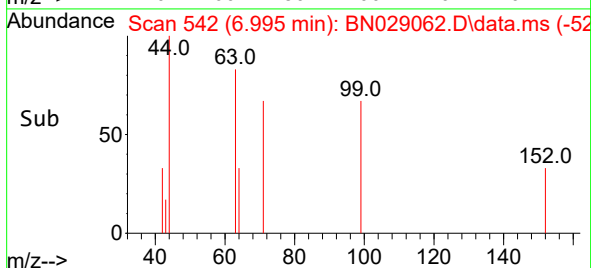
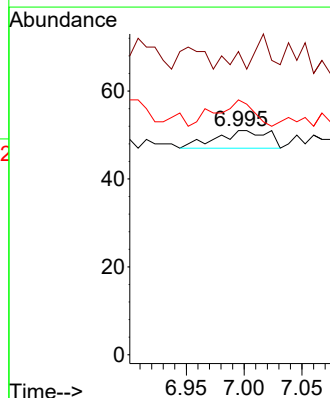
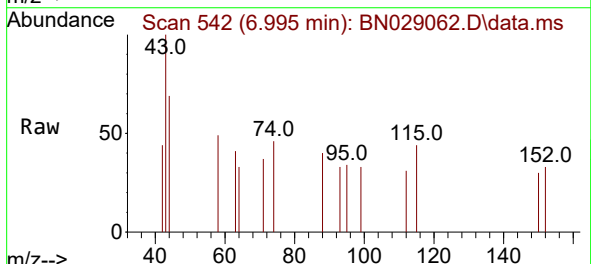
Instrument :
BNA_N
ClientSampleId :
RE122D2-20231110

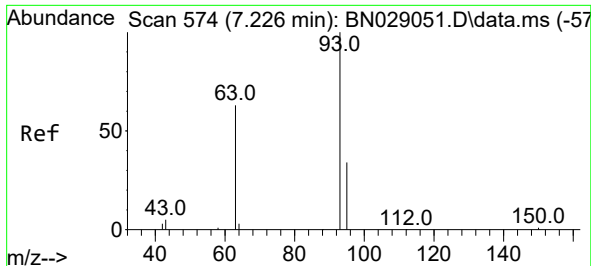
Tgt Ion:112 Resp: 13
Ion Ratio Lower Upper
112 100
64 46.2 37.0 55.6
63 0.0 29.0 43.6#



#5
Phenol-d6
Concen: 0.004 ng
RT: 6.995 min Scan# 542
Delta R.T. 0.015 min
Lab File: BN029062.D
Acq: 06 Dec 2023 19:01

Tgt Ion: 99 Resp: 13
Ion Ratio Lower Upper
99 100
42 0.0 13.4 20.2#
71 100.0 47.8 71.6#

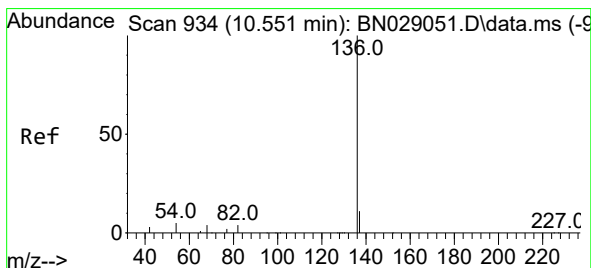
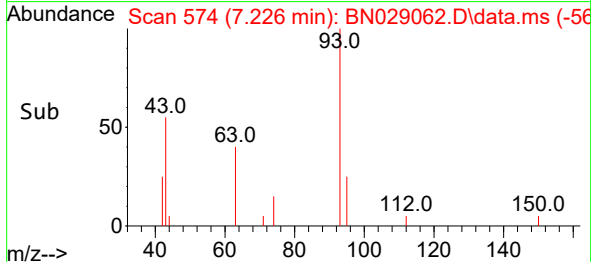
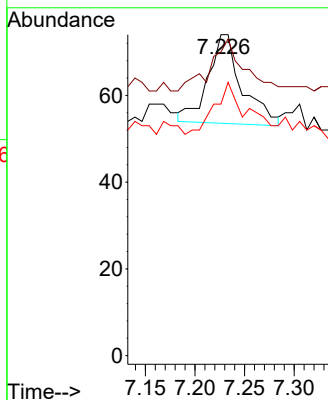
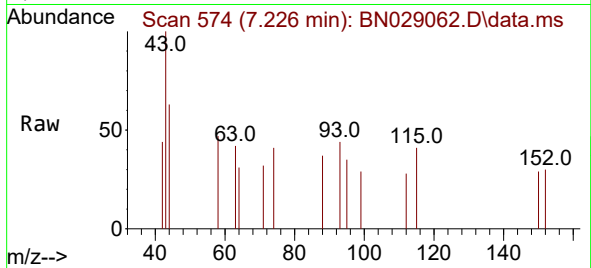




#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.226 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN029062.D
Acq: 06 Dec 2023 19:01

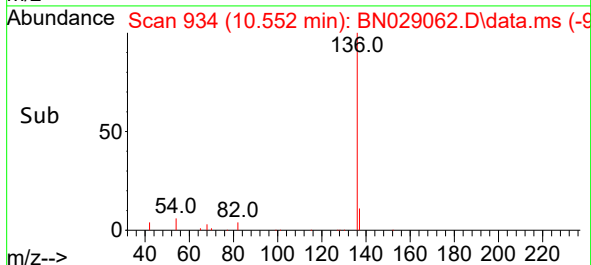
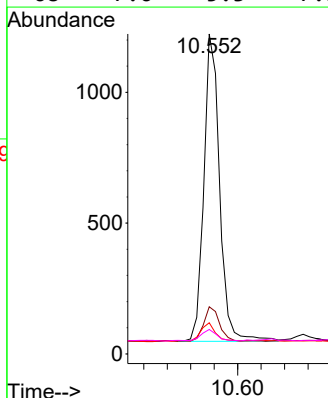
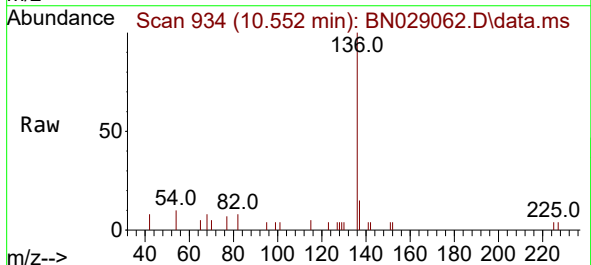
Instrument :
BNA_N
ClientSampleId :
RE122D2-20231110

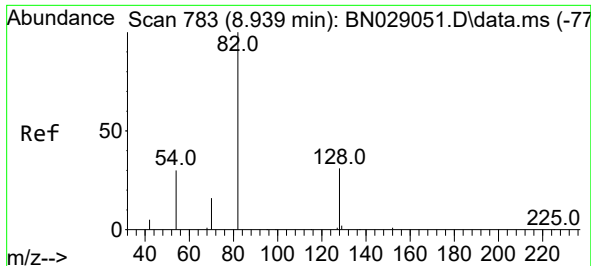
Tgt Ion: 93 Resp: 49
Ion Ratio Lower Upper
93 100
63 61.2 48.4 72.6
95 55.1 28.1 42.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.552 min Scan# 934
Delta R.T. -0.011 min
Lab File: BN029062.D
Acq: 06 Dec 2023 19:01

Tgt Ion: 136 Resp: 2195
Ion Ratio Lower Upper
136 100
137 14.7 11.9 17.9
54 9.7 6.4 9.6#
68 7.6 5.3 7.9

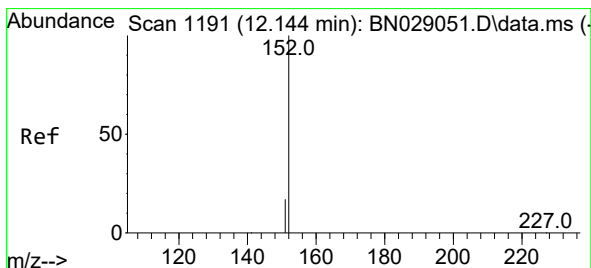
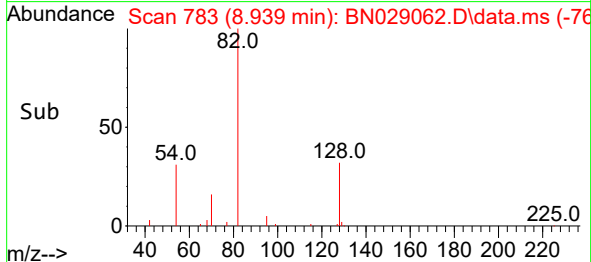
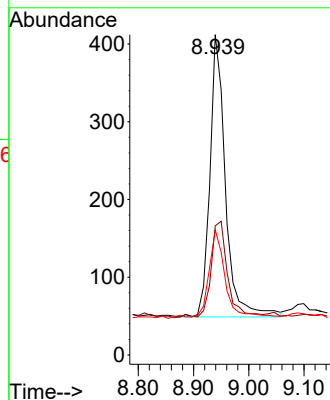
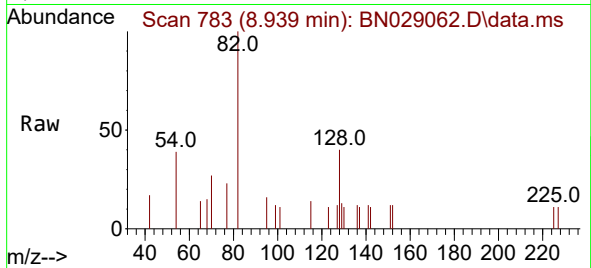




#8
 Nitrobenzene-d5
 Concen: 0.269 ng
 RT: 8.939 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: BN029062.D
 Acq: 06 Dec 2023 19:01

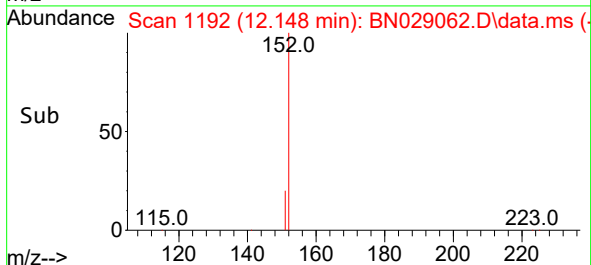
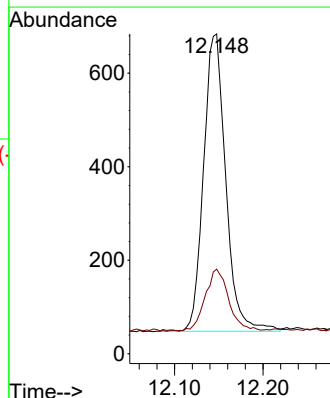
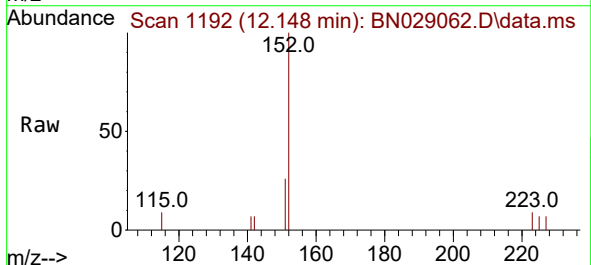
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20231110

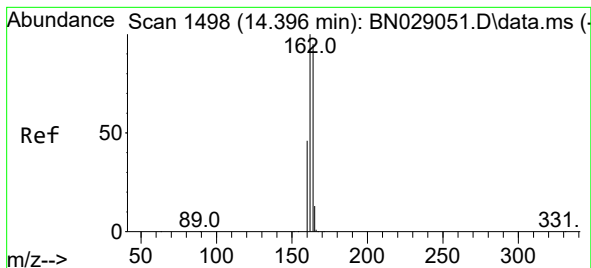
Tgt Ion:	82	Resp:	713
Ion	Ratio	Lower	Upper
82	100		
128	40.3	28.2	42.4
54	39.1	32.1	48.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.240 ng
 RT: 12.148 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BN029062.D
 Acq: 06 Dec 2023 19:01

Tgt Ion:	152	Resp:	1106
Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.4	26.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.396 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BN029062.D

Acq: 06 Dec 2023 19:01

Instrument :

BNA_N

ClientSampleId :

RE122D2-20231110

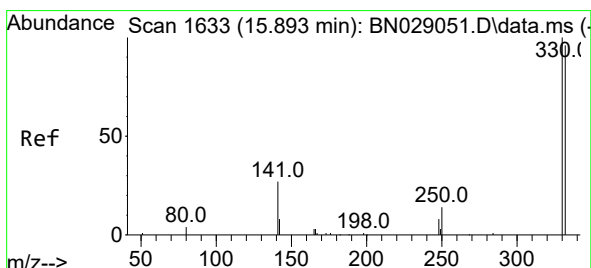
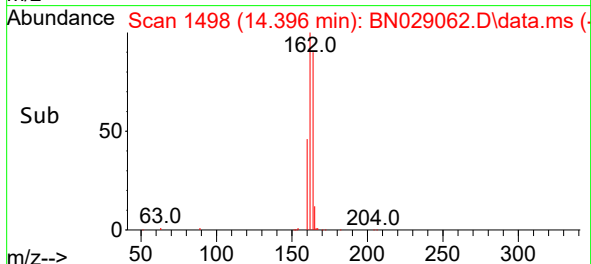
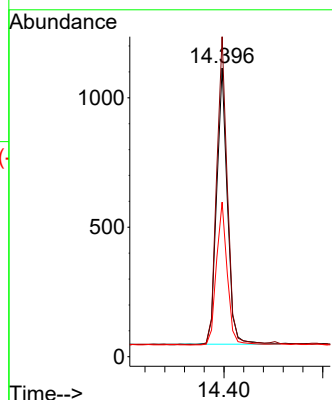
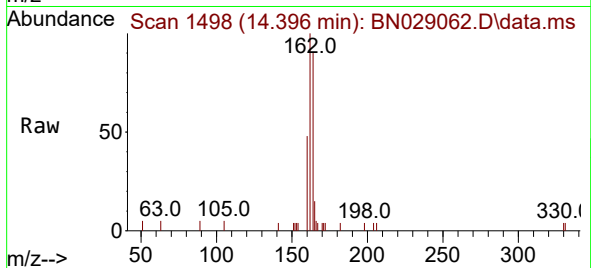
Tgt Ion:164 Resp: 1607

Ion Ratio Lower Upper

164 100

162 110.9 85.0 127.6

160 53.5 41.3 61.9



#14

2,4,6-Tribromophenol

Concen: 0.019 ng

RT: 15.893 min Scan# 1633

Delta R.T. 0.000 min

Lab File: BN029062.D

Acq: 06 Dec 2023 19:01

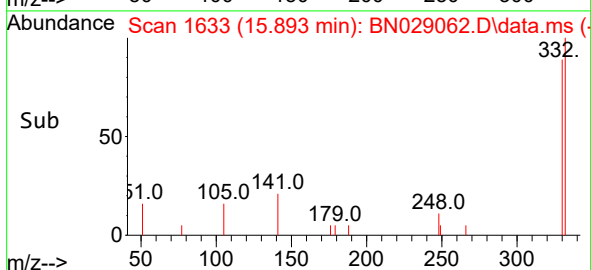
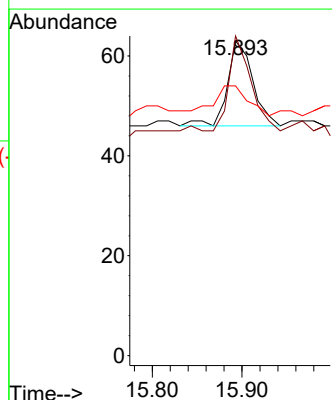
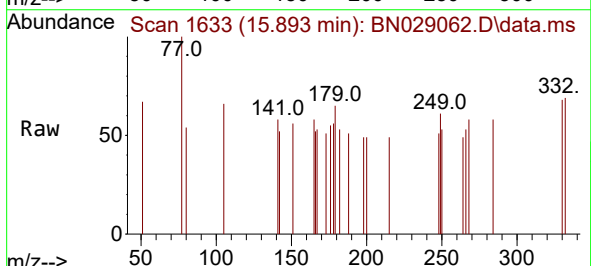
Tgt Ion:330 Resp: 34

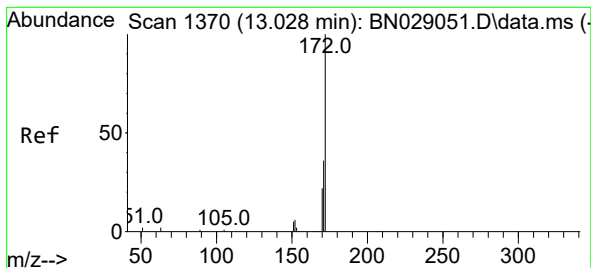
Ion Ratio Lower Upper

330 100

332 97.1 78.8 118.2

141 29.4 28.7 43.1





#15

2-Fluorobiphenyl

Concen: 0.318 ng

RT: 13.028 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN029062.D

Acq: 06 Dec 2023 19:01

Instrument :

BNA_N

ClientSampleId :

RE122D2-20231110

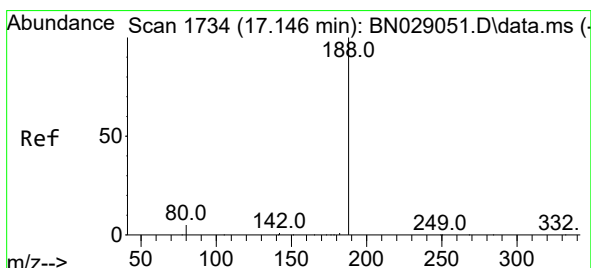
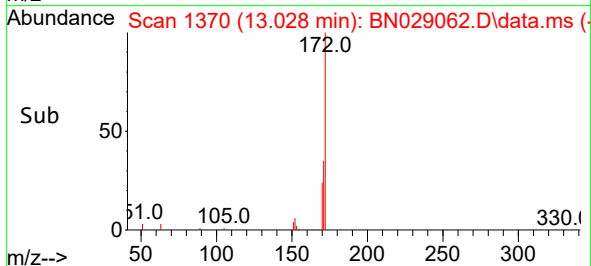
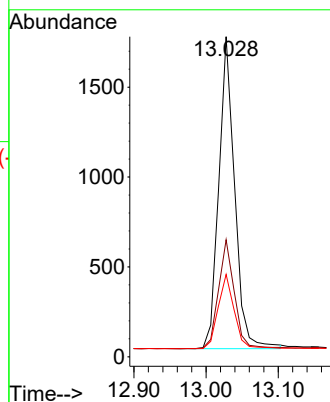
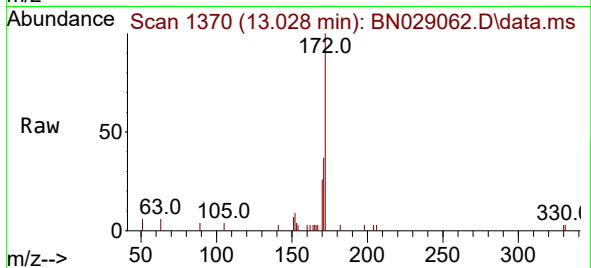
Tgt Ion:172 Resp: 2646

Ion Ratio Lower Upper

172 100

171 36.6 30.1 45.1

170 25.7 20.3 30.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.147 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN029062.D

Acq: 06 Dec 2023 19:01

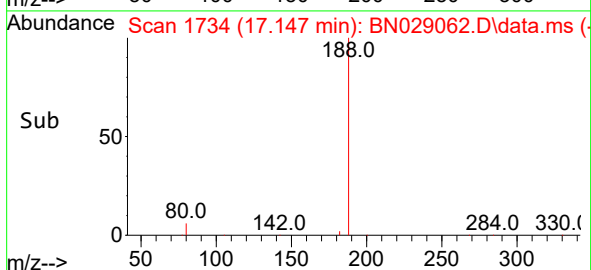
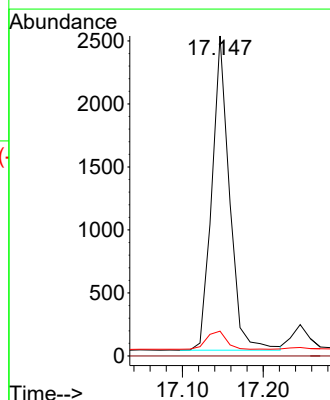
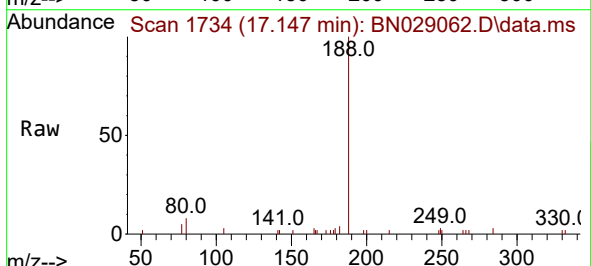
Tgt Ion:188 Resp: 3773

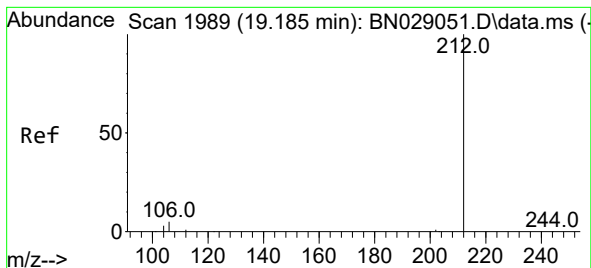
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.8 5.4 8.0





#27

Fluoranthene-d10

Concen: 0.262 ng

RT: 19.185 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BN029062.D

Acq: 06 Dec 2023 19:01

Instrument :

BNA_N

ClientSampleId :

RE122D2-20231110

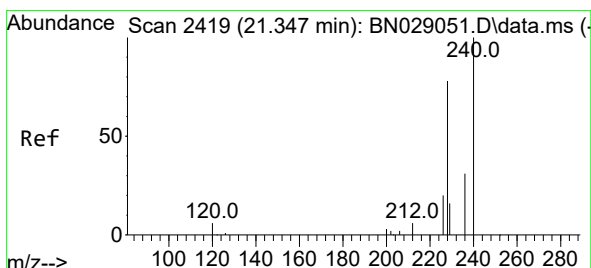
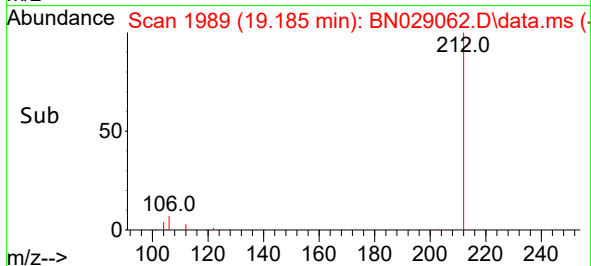
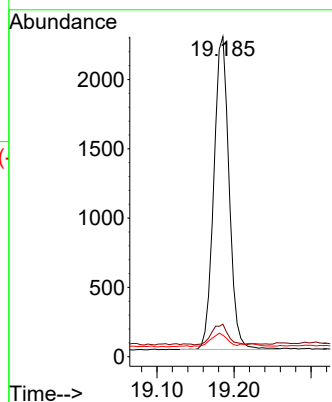
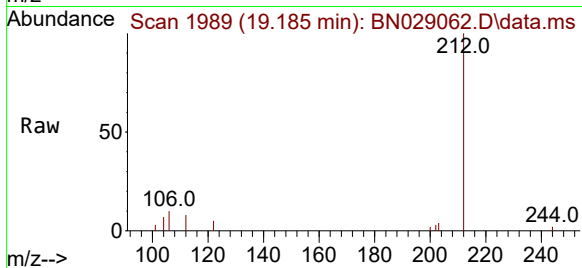
Tgt Ion:212 Resp: 3106

Ion Ratio Lower Upper

212 100

106 7.0 3.9 5.9#

104 4.5 2.6 3.8#



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.347 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BN029062.D

Acq: 06 Dec 2023 19:01

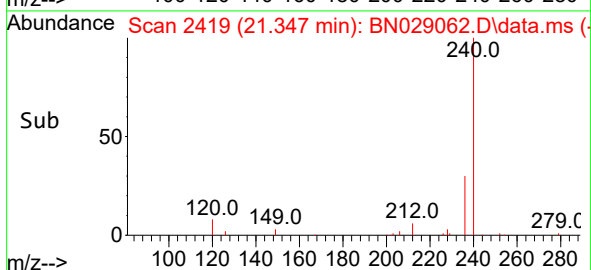
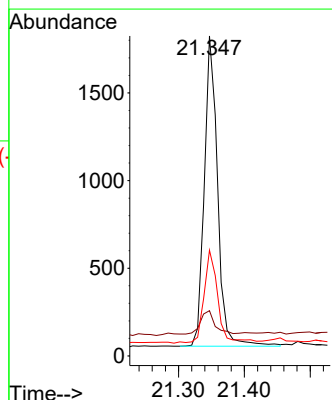
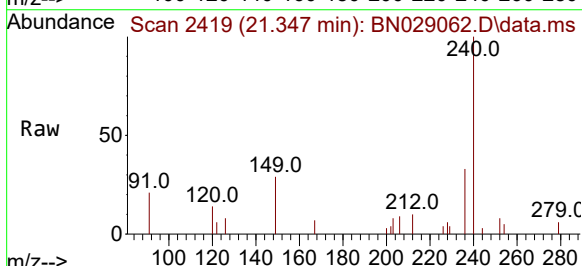
Tgt Ion:240 Resp: 2493

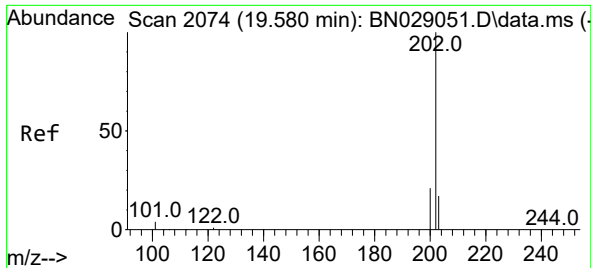
Ion Ratio Lower Upper

240 100

120 14.1 6.7 10.1#

236 33.0 25.7 38.5

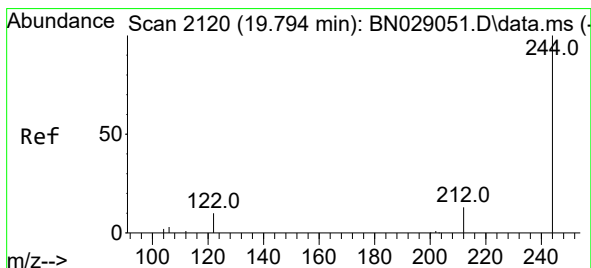
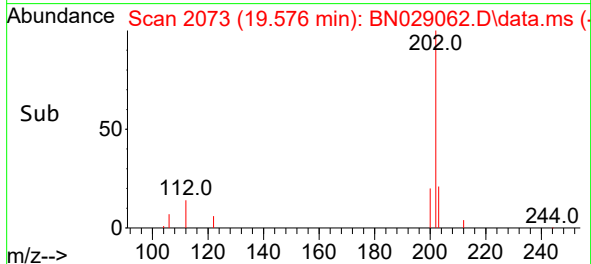
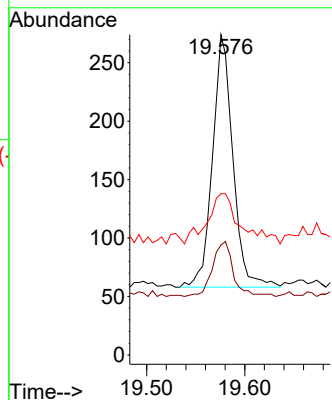
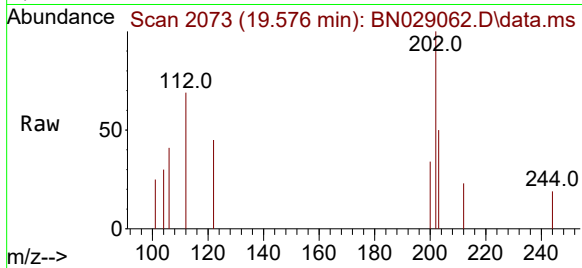




#30
 Pyrene
 Concen: 0.020 ng
 RT: 19.576 min Scan# 2074
 Delta R.T. -0.005 min
 Lab File: BN029062.D
 Acq: 06 Dec 2023 19:01

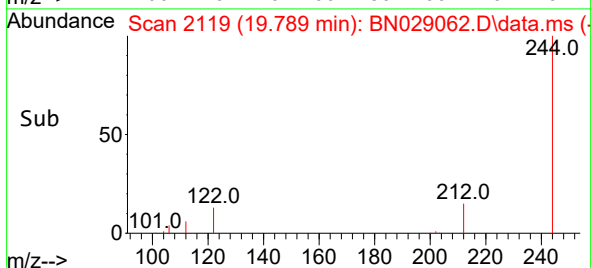
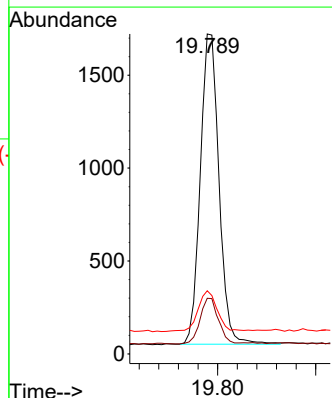
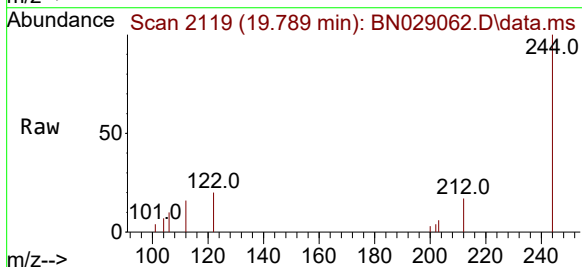
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20231110

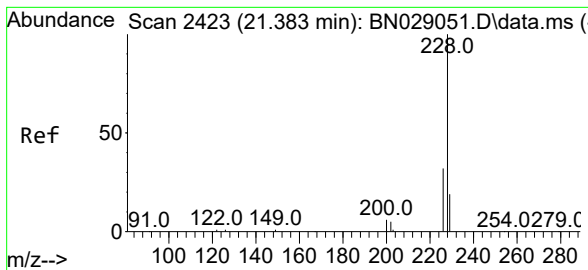
Tgt Ion:202 Resp: 312
 Ion Ratio Lower Upper
 202 100
 200 23.1 17.0 25.6
 203 31.7 14.2 21.4#



#31
 Terphenyl-d14
 Concen: 0.351 ng
 RT: 19.789 min Scan# 2119
 Delta R.T. -0.005 min
 Lab File: BN029062.D
 Acq: 06 Dec 2023 19:01

Tgt Ion:244 Resp: 2214
 Ion Ratio Lower Upper
 244 100
 212 17.4 11.6 17.4
 122 19.7 8.2 12.4#





#33

Chrysene

Concen: 0.023 ng

RT: 21.383 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BN029062.D

Acq: 06 Dec 2023 19:01

Instrument :

BNA_N

ClientSampleId :

RE122D2-20231110

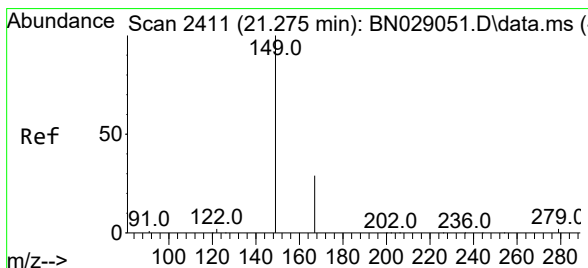
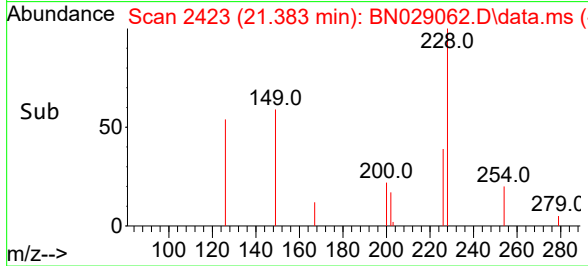
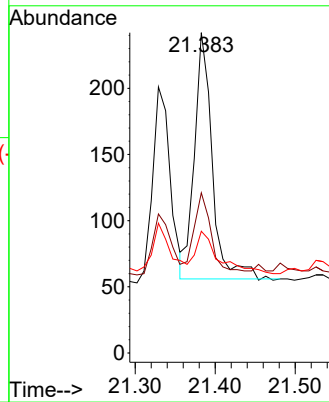
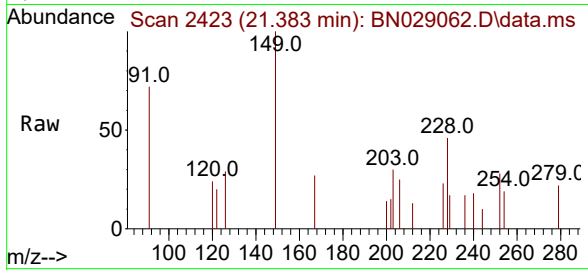
Tgt Ion:228 Resp: 287

Ion Ratio Lower Upper

228 100

226 50.0 25.4 38.0#

229 38.0 16.0 24.0#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.223 ng

RT: 21.275 min Scan# 2411

Delta R.T. 0.000 min

Lab File: BN029062.D

Acq: 06 Dec 2023 19:01

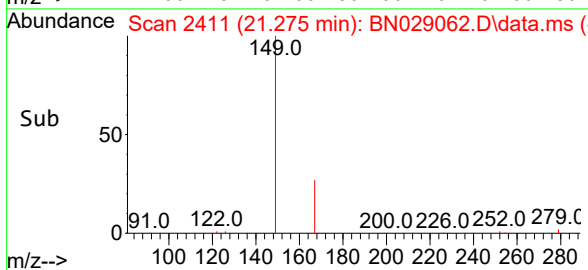
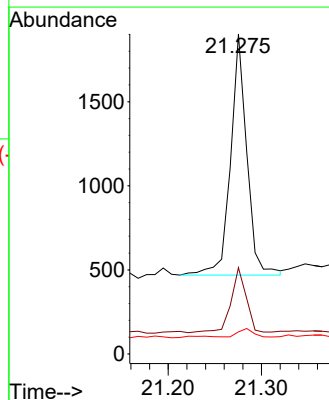
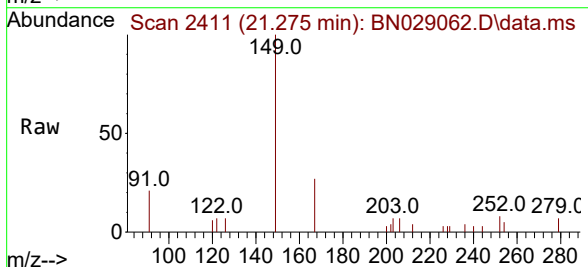
Tgt Ion:149 Resp: 1737

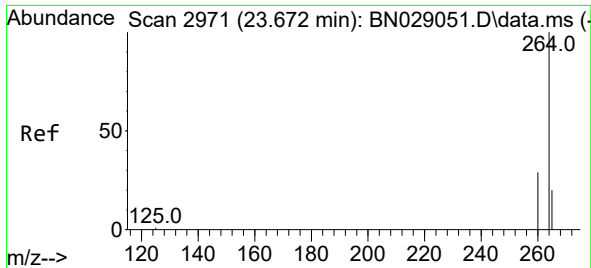
Ion Ratio Lower Upper

149 100

167 25.2 23.4 35.2

279 3.2 3.4 5.2#

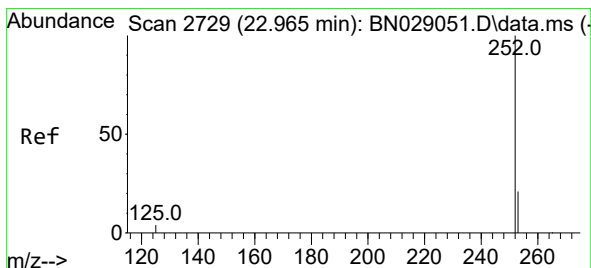
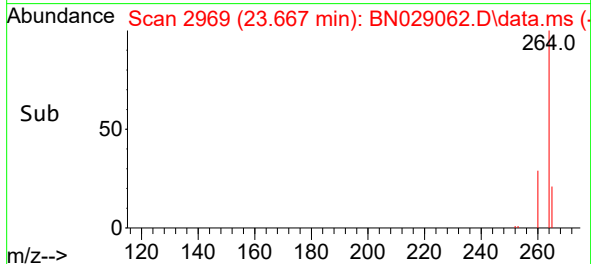
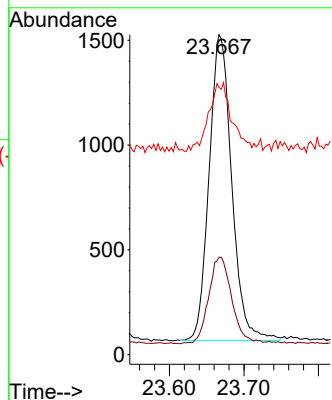
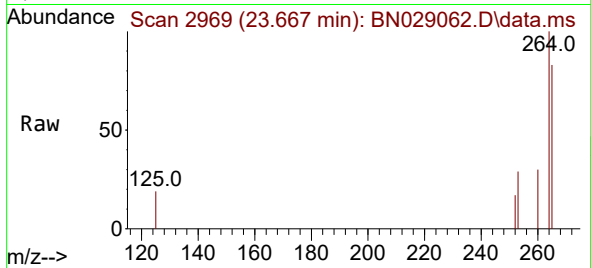




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.667 min Scan# 2969
Delta R.T. -0.003 min
Lab File: BN029062.D
Acq: 06 Dec 2023 19:01

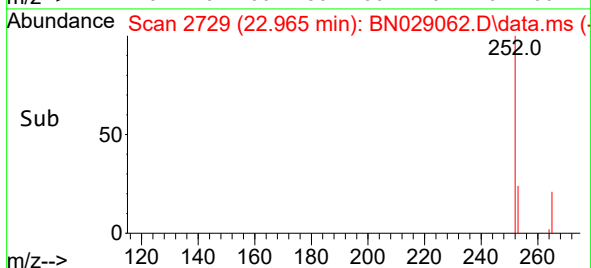
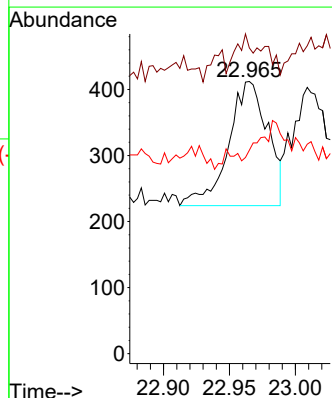
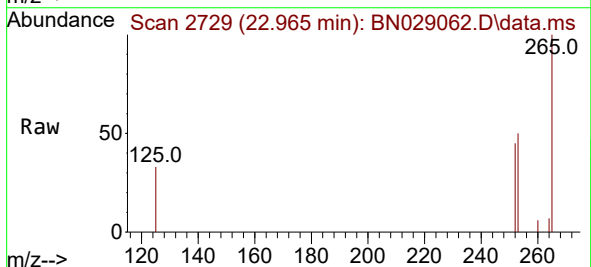
Instrument :
BNA_N
ClientSampleId :
RE122D2-20231110

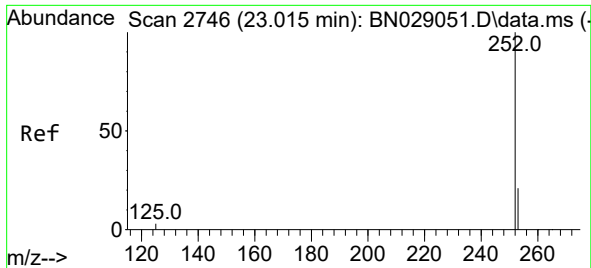
Tgt Ion:264 Resp: 3072
Ion Ratio Lower Upper
264 100
260 30.5 23.9 35.9
265 83.5 52.7 79.1#



#37
Benzo(b)fluoranthene
Concen: 0.024 ng
RT: 22.965 min Scan# 2729
Delta R.T. 0.000 min
Lab File: BN029062.D
Acq: 06 Dec 2023 19:01

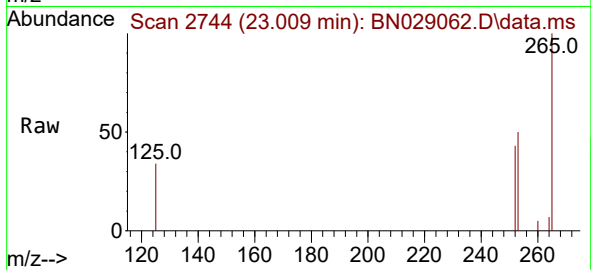
Tgt Ion:252 Resp: 391
Ion Ratio Lower Upper
252 100
253 112.4 23.0 34.6#
125 74.8 5.4 8.0#





#38
Benzo(k)fluoranthene
Concen: 0.020 ng
RT: 23.009 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN029062.D
Acq: 06 Dec 2023 19:01

Instrument :
BNA_N
ClientSampleId :
RE122D2-20231110



Tgt Ion:252 Resp: 314
Ion Ratio Lower Upper
252 100
253 115.6 23.0 34.4#
125 78.7 5.0 7.6#

